

Science Theme Week

Working scientifically objectives

Title: The Complete Athlete

Year: 4		
Teaching Ideas	Visitor In / Visits Out	National Curriculum Objectives
<p>Pupils should learn about the main body parts associated with the digestive system in humans (mouth, tongue, teeth, oesophagus, stomach and small and large intestine) They could label diagrams including life size diagrams and add learning from previous years (e.g. muscles/skeletal system). They could create their own models of the digestive system. Pupils could conduct practical experiments to show the process of the digestive system (e.g. making faeces).</p> <p>Pupils will learn the names and uses of the different teeth and could compare human and animal teeth. They will learn about dental hygiene and the effect of different foods/drinks on the enamel of teeth (e.g. fair test investigating the effect of different types of drink on egg shell)</p> <p>Pupils should learn about nutrition and healthy diets and the basic food groups. They could interview a food nutritionist or visit a food manufacturing company. They could interview the school cook or school meals supervisor. They should design their own healthy diet regime for internal health, for example planning a series of nutritional meals / balanced diet for school canteen. They should also learn about shopping on a budget, looking at the budget given for making one school meal and create a final meal on this budget.</p>	<p>Dentist in or visit out to dental practice. Company expert – e.g. school meals / healthy meals company Nutritionist in</p> <p>Literacy links: Interviews – creation of magazine article</p>	<ul style="list-style-type: none"> • To be able to ask relevant questions and use different types of scientific enquiries to answer them. • To be able to set up simple practical enquiries, comparative and fair tests • To be able to make systematic and careful observations • To be able to record findings using simple scientific language, drawings and labelled diagrams • To be able to report on findings from enquiries, including oral and written explanations or presentations of results and conclusions • To identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food. • To identify that animals, including humans, get nutrition from what they eat. • To describe the simple functions of the basic parts of the digestive system in humans • To identify the different types of teeth in humans and their simple functions